

**REED SWITCH**

**PULSE  
EMITTER**

 **maddalena**



# “REED SWITCH” PULSE EMITTER

Reed switch pulse emitter for single and multijet water meter. The pulse emitter in combination with the magnet installed in the register of the meter gives a number of pulses proportional to the volume of the flowed liquid. It can be used for remote reading systems, batching, etc.

- Easy installation/substitution of the sensor (the operation does not influence the metrological characteristics of the meter).
- The sensor is applied on meter with tempered glass disc (better system).
- An optional version with anti fraud device is available.
- A double Reed emitter is available upon request.
- *The previous “clip-on” version is still available.*

## COMPONENTS

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### Pre-equipped water meters

- **CD ONE TRP:** sealed register type single jet meter  
Class B and C  
DN: ½” - ¾”- 1” - 1¼”



CD ONE

DS

- **DS TRP:** sealed register type multi jet meter  
Class B and C  
DN: ½” - ¾” - 1” - 1¼” - 1½” - 2”

### Circular pulse emitter type 1 reed switch



With ARROW (Remote Reading System)

**Accessories:** screw and adhesive seal



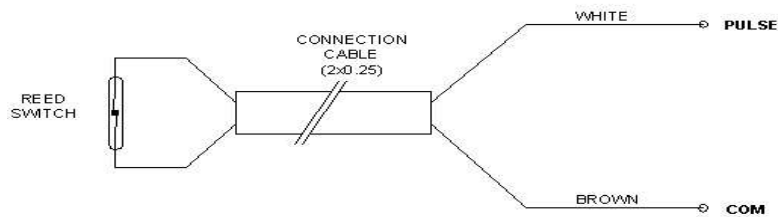
## WATER METER WITH REED



CD ONE

DS

## CONNECTIONS



## TECHNICAL CHARACTERISTICS

- Reed switch cast in plug, protection class IP68
- Contact ratings: 24V~, 0.1 A
- Cable length: 1 m
- Operating temperature: -25 ÷ +90 °C
- Storage temperature: -45 ÷ +90 °C

## K FACTOR

The K factor (number of pulses for litre) is in relation to the employment requirements. In the following table there are some indications on the number of pulses available:

K Factor	1	2*	0,1	0,2*	0,01	0,02*	0,001	0,002*
No. Liter/pulse	1	0.5	10	5	100	50	1.000	500

\* “Clip-On” version with Plexiglas disc and reed slot (Depliant)

## INSTALLATION

Pulse Factor	1P=1L K=1 1 pulse = 1 litre	1P=10L K=0.1 1 pulse = 10 litre	1P=100L K=0.01 1 pulse = 100 litre	1P=1000L K=0.001 1 pulse = 1000 litre	* K=2 – 0,2 – 0,02 – 0,002
Magnet position					
Sensor position					



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